



TALBOT COUNTY DEPARTMENT OF PERMITS & INSPECTIONS

Commercial Requirements. 2012 International Energy Conservation Code

In accordance with Maryland Performance Standards and the currently adopted Talbot County Building Code, all commercial structures must comply with the 2012 IECC. As stipulated in section C401.2 all projects must comply with one of the three following compliance Path options. Design Professional must list required method when plans are submitted.

Option 1- ANSI/ASHRAE/IESNA 90.1-2010

Option 2- Prescriptive method, Code Sections:

C402 Building envelope
C403 Building Mechanical Systems

And one of the following

C404 Service Water Heating
C405 Electrical power and lighting systems
C406.2 Efficient HVAC Performance
C406.3 Efficient Lighting System
C406.4 On site Renewable Energy
C407 Total Building Performance

Option 3 – Performance method, Code Sections:

C402.4 Air Leakage
C403.2 Mechanical systems
C404 Service Water Heating
C405.2 Lighting Controls
C405.3 Tandem Wiring
C405.4 Exit Signs
C405.6 Exterior lighting
C405.7 Electrical Energy Consumption

Information required on Commercial construction documents.

Details shall include, but are not limited to, as applicable, insulation materials, and their R-values; fenestration U-factors and Solar Heat Coefficients (SHGC); area-weighted U-factor and SHGC calculations; mechanical system design criteria; mechanical and service water heating system and equipment types, sizes and efficiencies; economizer description; equipment and systems controls; fan motor horsepower (hp) and controls; duct sealing, duct and pipe insulation and location; lighting fixture schedule with wattage and control narrative; and air sealing details.

